09/786210 JC02 Rec'd PCT/PTO 2 8 FEB 2001

(Reg. No. 45,877)

BOX PCT IN THE UNITED STATES DESIGNATED/ELECTED OFFICE OF THE UNITED STATES PATENT AND TRADEMARK OFFICE UNDER THE PATENT COOPERATION TREATY--CHAPTER II

SUBMISSION OF DRAWING CHANGES

APPLICANT(S):

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ATTORNEY DOCKET NO .:

P01,0087

INTERNATIONAL APPLICATION NO: PCT/EP99/06309

INTERNATIONAL FILING DATE:

27 August 1999

INVENTION:

METHOD AND APPARATUS FOR ADAPTING A TRANSMISSION POWER TO THE TRANSMISSION

QUALITY OF A TRANSMISSION CHANNEL

Assistant Commissioner for Patents, Washington, D.C. 20231

Sir:

Enclosed is one sheet of drawings, showing in red, the changes to Figure 3. Approval of the changes is respectfully requested.

Submitted by,

Mark Bergner

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Rx

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Fig. 3 MAX. SNR **TOLERABLE** Tx 41 60dB **ERROR RATE** 50dB 61 40dB SNR- MEASURED 32. 1065- Tx 30dB **POWER CONTROL** SNR- RATE REQUESTED 20dB RANSMISSION 10dB **RATE** 34 CODE 1 CODE 2000E 3000E 4000E 5000E 6 MAPS MAPS MAPS MAPS MAPS MAPS ACTUAL **ACTUAL** MOD 1 MOD 2 MCD 3 MOD 4 MCD 5 MCD 6 TRANSMISSION OR CODING & MAPPING RATE & MODULATION RATE I RATE I RATE I RATE I RATE I **SCHEMA** CHANNEL ENCODER CODED BIT 13 BITS Tx-SIGNAL SYMBOL Tx-SIGNAL CHANNEL GNAL PROCESSING PROCESSING BIT-DECODER PART 1 PART 2 \$TREAM SYMBO MODULATOR 15 TRANSMISSION 40 CHANNEL 35 28-54 21 SYMBOL вп-DIGITAL TREAM **Rx-SIGNAL** CHANNEL PROCESSING DECODER **SLICER** BIT. 25 **DEMODULATOR** CHANNEL DECODER 28-

SNR MEASUREMENT

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